

INTEGRATED CIRCUITS FOR HIGH SPEED ADAPTIVE
COMPRESSION AND METHODS THEREFOR

ABSTRACT

- 5 A computer-implemented method for compressing a first stream of data, the first stream of data comprising a plurality of input words. The computer-implemented method includes receiving the plurality input words, and adaptively compressing the plurality of input words into a plurality of compression codes. The computer-implemented method further includes outputting the plurality of compression codes
- 10 upon encountering an end-of-file signal in the first stream of data, wherein the plurality of compression codes are fewer in number than the number of unique bit patterns requiring unique compression codes under LZW (Lempel Ziv & Welch) compression.

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